Proceedings of the Government of His Highness the Maharaja of Mysore.

READ—

Letter No. 2434, dated the 14th May 1913, from the Director of Agriculture in Mysore, submitting for approval the appended Prospectus of the Agricultural School to be opened at Bangalore.

No. R. 7403-47—AGRI. 62-12-22, DATED BANGALORE, 7TH JUNE 1913.

ORDER THEREON.—Government consider the curriculum of studies to be practical and satisfactory, and are pleased to approve the Prospectus.

C. S. BALASUNDARAM IYER,
Secy. to Govt., Agricultural Dept.

To—The Director of Agriculture in Mysore.
The other Heads of Departments.
The Deputy Commissioners of Districts.

APPENDIX.

PROSPECTUS OF THE AGRICULTURAL SCHOOL, BANGALORE.

In accordance with Government Order No. R. 6368-409—Agri. 128-11-1, dated 6th May 1912, an Agricultural School will be opened at Bangalore during the 1st week of July 1913. During the first year, accommodation for about 15 students will be available.

2. The purpose of the school is to train, not specialists in the various agricultural sciences, but efficient and intelligent agriculturists. The course is, therefore, made as practical as possible and only so much scientific instruction will be given as is necessary for an intelligent understanding of the various agricultural processes.

3. As the purpose of the school is to give training to those who intend following agriculture as a profession, preference will be given to those whose parents own land in Mysore and are engaged in supervising its cultivation. Tuition and lodging will be free and board will be charged at cost price.

4. The course will, for the present, extend over two years. Should particular students show special aptitude for scientific work and should they desire further scientific training in any of the branches of agricultural science, arrangements will be made later for their further training.

5. The following is the course of study which, however, may undergo slight modifications if experience shows such to be desirable.

FIRST YEAR.

I. *Agriculture.*—(*a*) Practical work involving all the operations carried out on the farm, including wet and dry cultivation and the use of local and improved farm implements.

(*b*) Theoretical.—Lectures on Elementary Physiography including formation of soils, Meteorology, etc., leading up to the principles of soil treatment.

II. *Elementary Physics.*—(*a*) Mechanics.—Units of measurement, velocity, acceleration, force, energy, work, horse power, friction; draft, practical study of simple machines, such as lever, pulley, etc.

(*b*) *Soil Physics.*—Elementary hydrostatics, soil moisture, heat, air, principles of pumps, etc., lectures and laboratory work.

III. *Chemistry.*—Elementary Chemistry taking up especially the elements important in crop production.—Lectures and demonstrations with a few simple experiments.

IV. *Biology.*—(*a*) Morphology and Physiology of root, stem, leaf and flower, taking as objects common economic plants.

(*b*) Study of type animal forms as far as possible from living specimens.—Demonstrations of the main facts of Anatomy and Physiology.

V. *Farm mechanics.*—Practical work in the workshop together with the construction of simple farm implements.

SECOND YEAR.

I. *Agriculture.*—Theoretical.—(*a*) Study of the cultivation of the chief agricultural crops, crop rotations, experimental methods.

(*b*) Farm accounts, estate management, systems of land tenure.

(*c*) Animal breeding and management of live-stock, dairying.

Practical.—(*a*) Cultivation by students of individual plots for which accurate accounts are to be kept.

(*b*) General estate management; tours to study conditions throughout the State.

(*c*) Short course in dairying.

II. *Economic Botany.*—Study of the chief economic plants of the State, plant breeding, elements of gardening and horticulture.

III. *Mycology.*—The common plant diseases of the State with methods of prevention and control.

IV. *Agricultural Engineering.*—Mensuration, plan-drawing, estimating, elementary surveying, practical management of oil engines and pumps.

V. *Veterinary Science.*—Anatomy and Physiology, elements of Materia Medica and Pharmacy, Surgery, Obstetrics, Hygiene, with practical work.

VI. *Entomology.*—Study of type insects with life histories, collection of insects, preventive and remedial measures.

6. Those desiring to enter should address the Director of Agriculture, Bangalore, when application forms will be sent to them. While no definite entrance requirements have been formulated, candidates must show a knowledge of English, Arithmetic and other subjects sufficient to ensure that they will be able to follow the prescribed studies intelligently.